

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,715,032 B2  
APPLICATION NO. : 10/523153  
DATED : May 11, 2010  
INVENTOR(S) : Nicholas Rowland Bird et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**ON THE TITLE PAGE:**

On the Title page, the WO publication data is corrected to read:

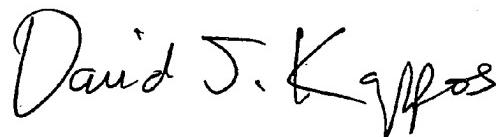
Item -- (87) PCT. Pub. No. WO2004/012109  
PCT Pub. Date: Feb. 5, 2004 --.

Claim 18, Col. 54, Line 63, delete "said" before --the--.

Claim 21, Col. 56, Line 1, delete "system" and insert -- computer program product --.

Signed and Sealed this

Tenth Day of August, 2010



David J. Kappos  
Director of the United States Patent and Trademark Office